

Patent Abstracts of Japan

PUBLICATION NUMBER : 08315729
PUBLICATION DATE : 29-11-96

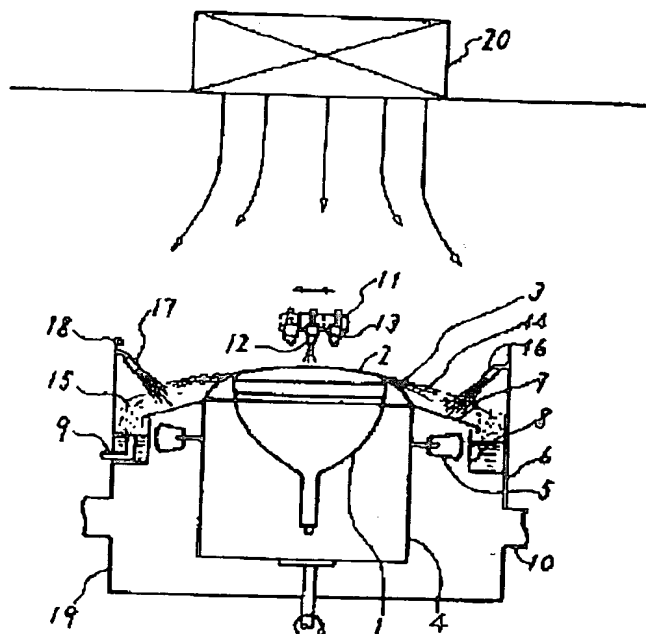
APPLICATION DATE : 23-05-95
APPLICATION NUMBER : 07123280

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INT.CL. : H01J 9/20

TITLE : SPIN-COATING METHOD AND DEVICE
FOR SPIN-COATING OF CATHODE
RAY TUBE



ABSTRACT : PURPOSE: To prevent the re-deposition of dust by properly supplying a certain amount of water to a waste liquid bucket in which coating liquid shaken off is reserved to hold the concentration of the waste liquid at a specified value or less.

CONSTITUTION: A liquid discharge nozzle 12 get up at a filling arm 11 is located on a tube axis and coating liquid is dropped on the outside surface of a face plate 2 while rotating a rotating cylindrical carrier 4 at a low speed. The coating liquid is spread all over the face plate 2 with the rotation of the rotating cylindrical carrier 4 and almost all the coating liquid applied in this ways is splashed outside of the face plate 2 and formed as splashed coating liquid 14 to hit a spinning machine hood 6 and generate mist 15, but a waste liquid bucket 8 is provided on the inside face of the spinning machine hood 6 and water is supplied from a water supply port 18 every time when the coating liquid is shaken off with the rotation to hold the concentration of the coating liquid low and keep the level constant. The speed of exhaust air flowing to an exhaust port 10 is kept to stabilize the quality of a film.

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